**Figure 1**

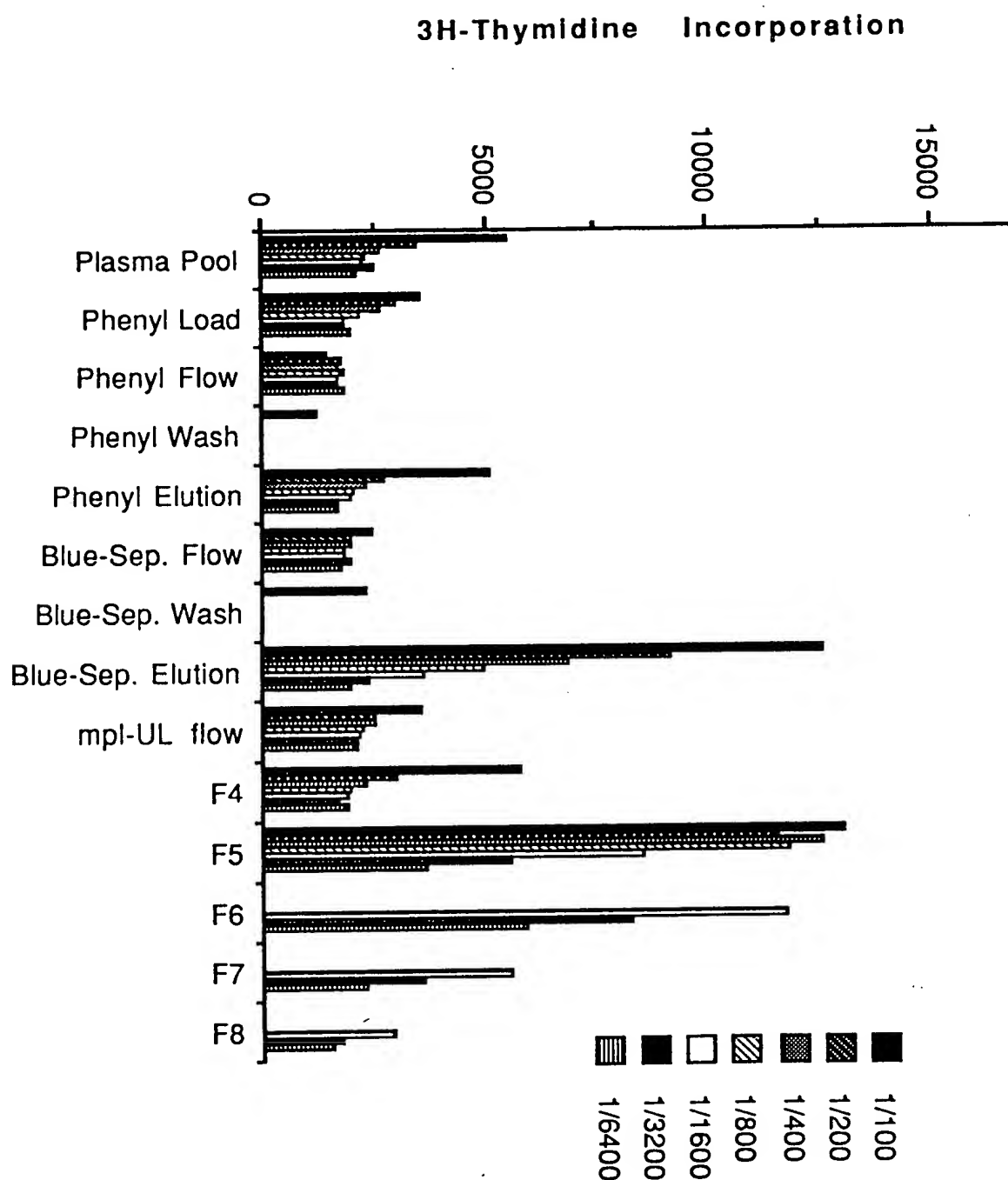


Figure 2

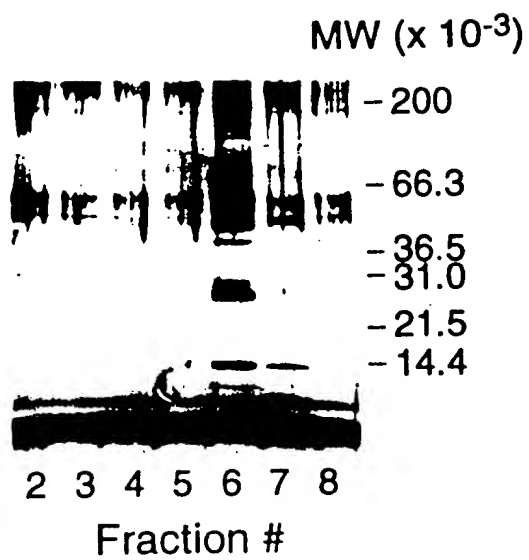


Figure 3

3H-thymidine Incorporation

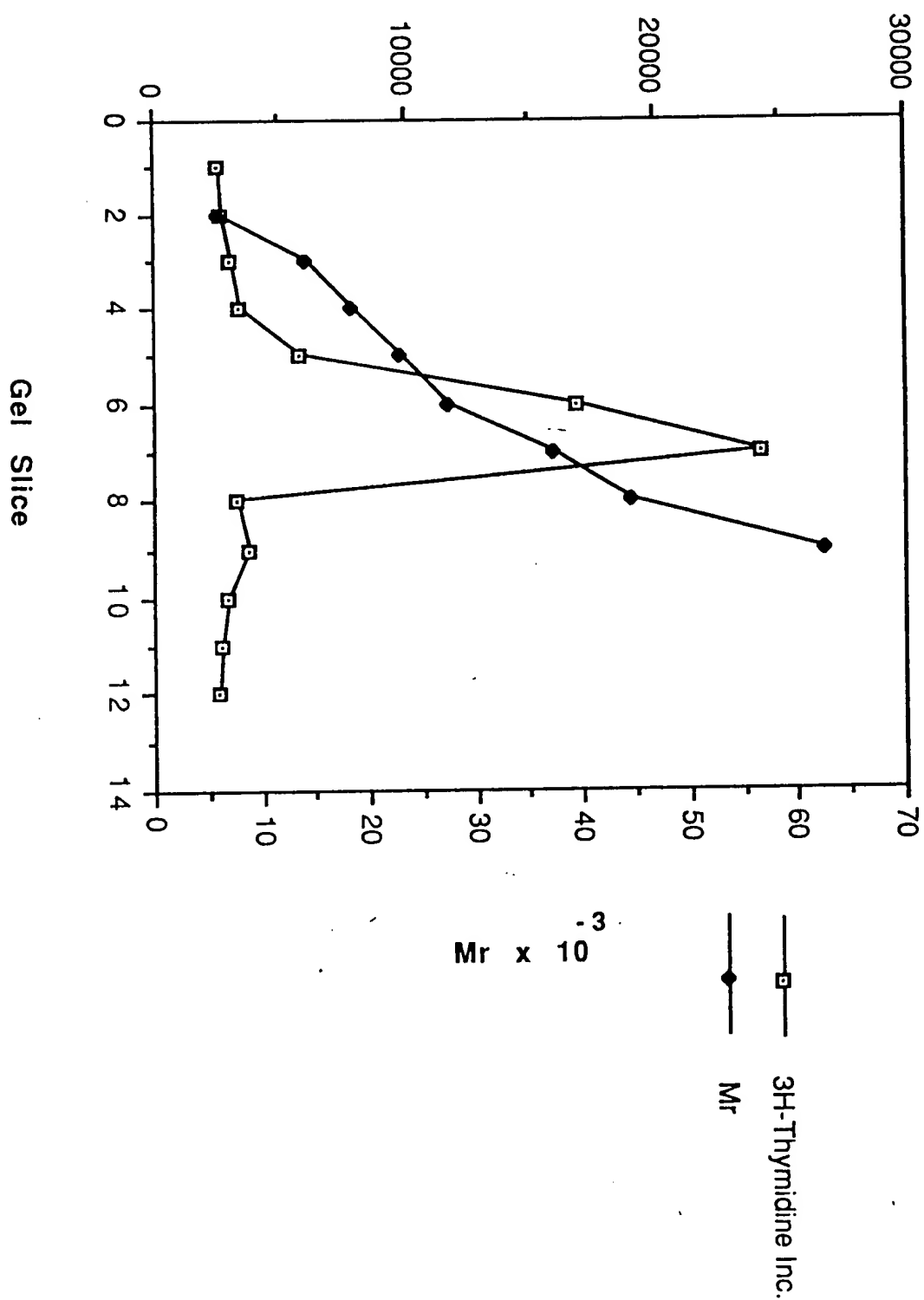


Figure 4

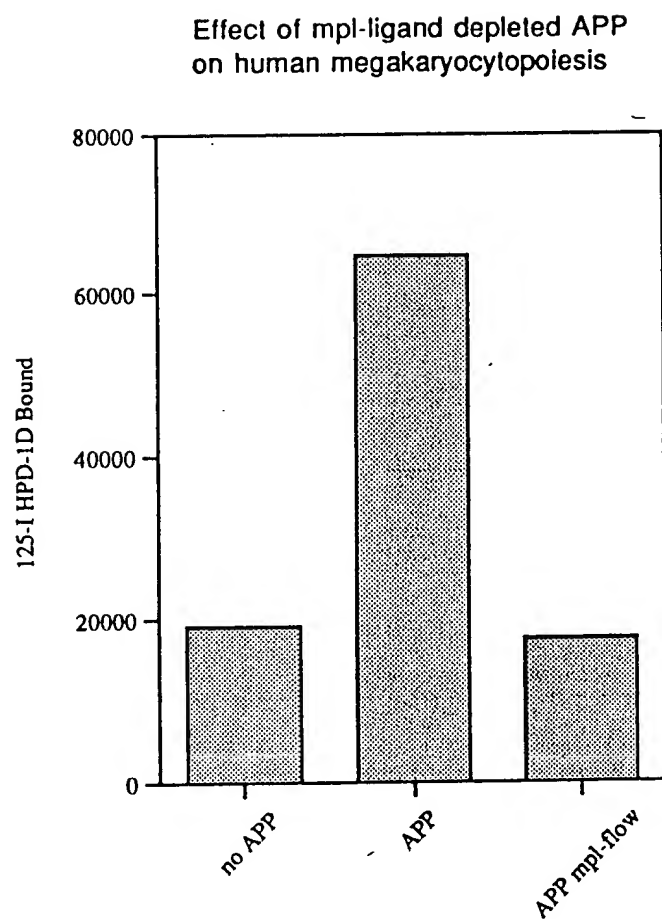


Figure 5

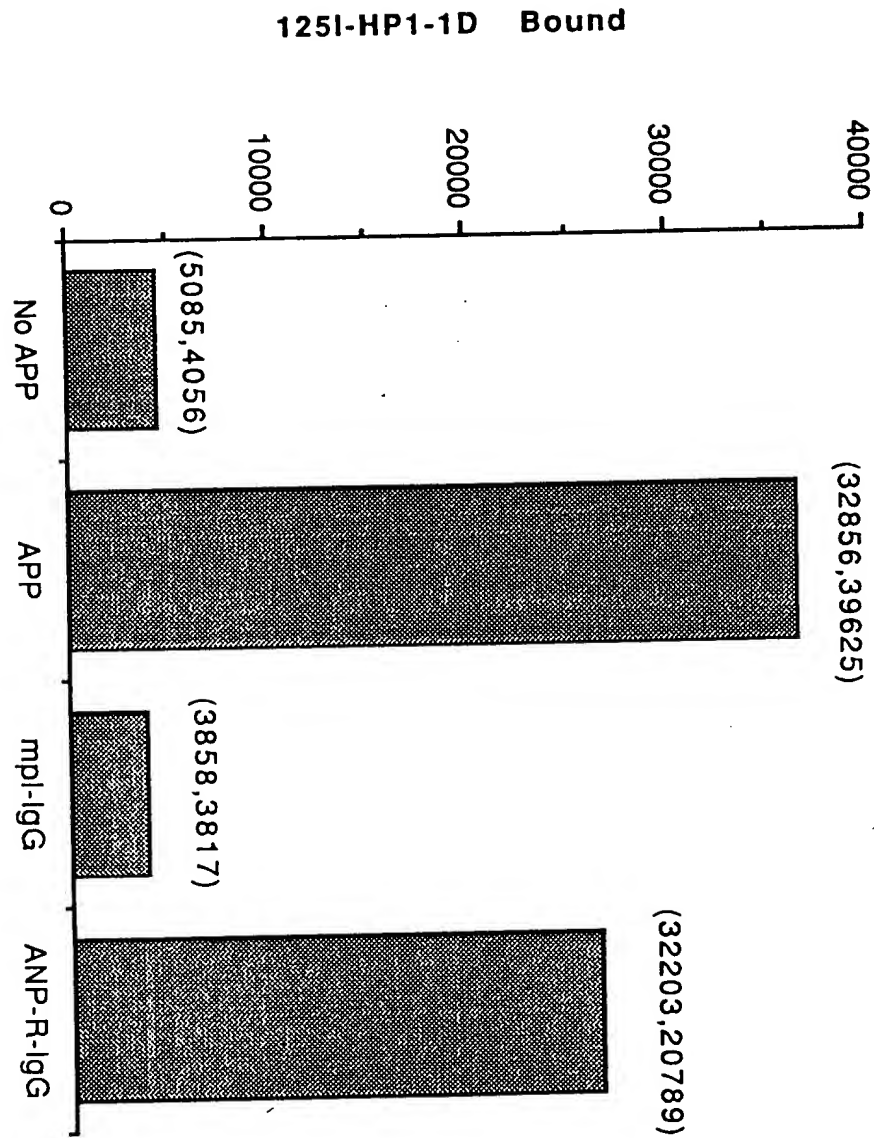


Figure 6

-10

L L L V V M L L L T

1 GAATTCCTGG AATACCAGCT GACAATGATT TCCTCCTCAT CTTCAACCT CACCTCTCCT CATCTAAGAA TTGCTCCTCG TGGTCATGCT TCTCCTAACT
CTTAAGGACC TTATGGTCTGA CTGTTACTAA AGGAGGAGTA GAAAGTTTGA GTGGAGAGGA GTAGATTCTT AACGAGGAGC ACCAGTACGA AGAGGATTGA

20

L L L R D S H V L H S R L

101 GCAAGGCTAA CGCTGTCCAG CCCGGCTCCT CCTGCTTGTG ACCTCCGAGT CCTCAGTAAA CTGCTTCGTG ACTCCCATGT CCTTCACAGC AGACTGGTGA
CGTTCCGATT GCGACAGGTC GGGCCGAGGA GGACGAACAC TGGAGGCTCA GGAGTCATT GACGAAGCAC TGAGGGTACA GGAAGTGTCTG TCTGACCACT

30

L R V L S K L L R D S H V L H S R L

201 GAACTCCCAA CATTATCCCC TTTATCCGG TAACTGGTAA GACACCCATA CTCCCAGGAA GACACCATCA CTCCTTGACC CAATGACTAT
CTTGAGGGTT GTAATAGGGG AATAGGGC ATTGACCATT CTGTGGGTAT GAGGGTCCTT CTGTGGTAGT GAGGAAGTGG GTTACTGATA

40

L L L R D S H V L H S R L

301 TCTTCCCAT TGTCCCCAC CTAATGATCA CACTCTCTGA CAAGAATTAT TCTTCACAA ACAGCCCGCA TTTAAAAGCT CTCGTCTAGA
AGAGGGGTAT AACAGGGGTG GATGACTAGT GTGAGAGACT GTTCTTAATA AGAAGTGTTA TGTCGGGCGT AAATTTTGA GAGCAGATCT

Figure 7

1 tcttcctaccatctgctccccagagggtgcctgctgtgcacttgggtcctggagcccttctccaccggatagattcctcacccttggccgcctttg

101 cccaccctactctgcccagaagtgaagagcctaagccgcctccatggccccaggaaggattcaggggagaggccccaacagggagccacgccagcca

MetGluLeuThrGluLeuLeuValValMetLeuLeuLeuThrAlaArgLeuThrLeuSerSerProAlaProProAlaCysAsp

201 gacaccccgccagaATGGAGCTGACTGAATTGCTCCTCGTGGTCATGCTTCTCTAACTGCAAGGCTAACGCTGTCCAGCCCGCTCCTCCTGCTTGTG

LeuArgValLeuSerLysLeuLeuArgAspSerHisValLeuHisSerArgLeuSerGlnCysProGluValHisProLeuProThrProValLeuLeu

301 ACCTCCGAGTCTCAGTAACTGCTTCGTGACTGCCATGTCCTTCACAGCAGACTGAGCCAGTGCCAGAGGTTACCCCTTTGCCTACACCTGTCTGTG

ProAlaValAspPheSerLeuGlyGluTrpLysThrGlnMetGluGluThrLysAlaGlnAspIleLeuGlyAlaValThrLeuLeuLeuGluGlyVal

401 GCCTGCTGTGGACTTTAGCTTGGGAGAATGAAAACCCAGATGGAGGAGACCAAGGCACAGGACATTCTGGGAGCAGTGACCCTTCTGTGAGGGAGTG

MetAlaAlaArgGlyGlnLeuGlyProThrCysLeuSerSerLeuLeuGlyGlnLeuSerGlyGlnValArgLeuLeuLeuGlyAlaLeuGlnSerLeuLeu

501 ATGGCAGCAGGGGACAACCTGGGACCCACTTGCTCTCATCCCTCTGGGGCAGCTTCTGGACAGGTCCGTCTCTCTTGGGGCCCTGCAGAGCCTCC

GlyThrGlnLeuProProGlnGlyArgThrThrAlaHisLysAspProAsnAlaIlePheLeuSerPheGlnHisLeuLeuArgGlyLysValArgPhe

601 TTGGAACCCAGCTTCTCCACAGGGCAGGACCACAGCTCACAAGGATCCCAATGCCATCTTCTGAGCTTCCAACACCTGCTCCGAGGAAAGGTGCGTTT

LeuMetLeuValGlyGlySerThrLeuCysValArgArgAlaProProThrThrAlaValProSerArgThrSerLeuValLeuThrLeuAsnGluLeu

701 CCTGATGCTTGTAGGAGGTCCACCCTCTGCGTCAGGCGGGCCCCACCCACACAGCTGTCCCAGCAGAACCTCTCTAGTCTCACACTGAACGAGCTC

ProAsnArgThrSerGlyLeuLeuGluThrAsnPheThrAlaSerAlaArgThrThrGlySerGlyLeuLeuLysTrpGlnGlnGlyPheArgAlaLysIle

801 CCAAACAGGACTTCTGGATTGTTGGAGACAACTTCACTGCCTCAGCCAGAACTACTGGCTCTGGGCTTCTGAAGTGGCAGCAGGGATTGAGCCAAAGA

ProGlyLeuLeuAsnGlnThrSerArgSerLeuAspGlnIleProGlyTyrLeuAsnArgIleHisGluLeuLeuAsnGlyThrArgGlyLeuPhePro

901 TTCCTGGTCTGCTGAACCAAACCTCCAGGTCCCTGGACCAAATCCCCGGATACCTGAACAGGATACACGAACTCTTGAATGGAACCTCGTGGACTCTTCC

GlyProSerArgArgThrLeuGlyAlaProAspIleSerSerGlyThrSerAspThrGlySerLeuProProAsnLeuGlnProGlyTyrSerProSer

1001 TGGACCTCAGCAGGACCTTAGGAGCCCCGGACATTTCTCAGGAACATCAGACACAGGCTCCCTGCCACCCAACCTCCAGCCTGGATATTCTCCTTCC

ProThrHisProProThrGlyGlnTyrThrLeuPheProLeuProProThrLeuProThrProValValGlnLeuHisProLeuLeuProAspProSerAla

1101 CCAACCCATCCTCTACTGGACAGTATACGCTCTTCCCTCTTCCACCCACCTTGCCCAACCCCTGTGGTCCAGCTCCACCCCTGCTTCTGACCCTTCTG

ProThrProThrProThrSerProLeuLeuAsnThrSerTyrThrHisSerGlnAsnLeuSerGlnGluGly

1201 CTCCAACGCCCACCCCTACCAGCCCTTCTTAAACATCCTACACCCACTCCAGAATCTGTCTCAGGAAGGGTAagggttctcagacactgccgacatc

1301 agcattgtctcatgtacagctcccttccctgcagggcgcccctgggagacaactggacaagatttctacttttctcctgaaacccaagccctggtaaaa

1401 gggatacacaggactgaaaaggaatcatttttctactgtacattataaaccttcagaagctatttttttaagctatcagcaatactcatcagagcagcta

1501 gctcttttggctctatttttctgcagaaatttgcaactcactgattctctacatgctctttttctgtgataactctgcaaaggcctgggctggcctggcagtt

1601 gaacagagggagagactaaccttgagtcagaaaaacagagaaagggtaatttcctttgcttcaaattcaaggccttccaacgcccccatccccttactat

1701 cattctcagtgaggactctgatcccatattcttaacagatctttactcttgagaaatgaataagctttctctcagaaaaaaaaaaaaaaaaaaaaa

Figure 8

1 GAGTCCTTGG CCCACCTCTC TCCACCCCGA CTCTGCCGAA AGAAGCACAG AAGCTCAAGC CGCCTCCATG GCCCCAGGAA AGATTACGGG GAGAGCCCC

101 ATACAGGGAG CCACTTCAGT TAGACACCCT GGCAGAAATG GAGCTGACTG ATTGCTCTCT GCGGCCCATG CTTCTTGCAG TGGCAAGACT AACTCTGTTC

201 SerProVala laProAlaCY sAspProArg LeuLeuAsnL ysLeuLeuAr gAspSerHis LeuLeuHis erArgLeuSe rGlnCysPro AspValaspPro

201 AGCCCCGTAG CTCTGCTCTG TGACCCCGA CTCTTAATA AACTGTGCG TGACTCCAC CTCTTCACA CCCAGTGA GAGTGTCCC GACGTGAC

301 CTTTGTCTAT CCTGTCTCTG CTGCTGCTG CTGCTGCTG TGGACTTTAG CCGTGGGAA TGGAAACCC AGACGGAACA GAGCAAGGCA CAGACATTC TAGGGGCAGT

401 GTCCCTCTTA CTGAGGGAG TGATGCAGC ACGAGGACAG TTGGAACCT CTGCTCTCTC ATCCTCTCTG GGACAGCTTT CTGGGCAGGT TCGCCTCCTC

501 LeuGlyAlaL euGlnGlyLe uLeuGlyThr GlnGlyArgT hrThrAlaHi sLysaspPro AsnAlaLeuP heLeuSerLe uGlnGlnLeu LeuArgGlyLys

501 TTGGGGGCC TGCAGGGCCT CCTAGGAACC CAGGGCAGGA CCACAGCTCA CAAGGACCC ATGCCCCCTT TCTTGAGCTT GCAACAACCTG CTTGGGGAA

601 ValArgPh eLeuLeuLeu ValGluGlyP roThrLeuCY sValArgArg ThrLeuProT hrThrAlaVa lProSerSer ThrSerGlnL euLeuThrLeu

601 AGGTGCGCTT CTGCTCTCTG GTAGAAGGTC CCACCTCTG TGTGAGAGCG ACCCTGCCAA CCACAGCTGT CCCAAGCAGT ACTTCTCAAC TCCTCACACT

701 AsnLysPhe ProAsnArgT hrSerGlyLe uLeuGluThr AsnPheSerV alThrAlaAr gThrAlaGly ProGlyLeuL euSerArgLe uGlnGlyPhe

701 AAACAAGTTC CCAACACGGA CTCTCTGATT GTTGAGAGCG AACTTCAGTG TCACAGCCAG AACTGCTGCG CCTGGACTTC TGAGCAGGCT TCAGGGGATTC

801 ArgValLysI leThrProG lYcLnLeuAsn GlnThrSerA rgSerProVa lGlnIleSer GlyTyrLeuA snArgThrHi sGlyProVal AsnGlyThrHis

801 AGAGTCAAGA TTACTCTCTG TCAGCTAAT CAAAGCTCCA GGTCCCCAGT CCAATCTCT GGATACCTGA ACAGGACACA CCGACCTGTG AATGGAATC

901 GlyLeuPh eAlaGlyThr SerLeuGlnT hrLeuGluAl aSerAspIle SerProGlyA laPheAsnLy sGlySerLeu AlapheAsnL euGlnGlyGly

901 ATGGGCTCTT TGCTGGAACC TCACTTCAGA CCTGGAAGC CTCAGACATC TCGCCCGAG CTTTCAACAA AGGCTCCCTG GCATTCACCC TCCAGGGTGG

1001 LeuProPro SerProSerL euAlaProAs pGlyHisThr PropheProp roSerProAl aLeuProThr ThrHisGlys erProProGl nLeuHisPro

1001 ACTTCTCTCT TCTCCAAGCC TTGCTCTCTGA TGGACACACA CCCTTCCCTC CTTCACTGCG CTTGCCCCAC ACCCATGGAT CTCACACCCA GCTCCACCCC

1101 LeuPheProA spProSerTh rThrMetPro AsnSerThra laProHisPr oValThrMet TyrProHisP roArgAsnLe uSerGlnGlu Thr

1101 CTGTTTCTCT ACCCTTCCAC CACCATGCT AACTATACCG CCCCTCATCC AGTCAACAATG TACCCTCATC CCAGGAATTT GTCTCAGGAA ACATAGGCGG

1201 GGCACCTGCC CAGTGAGCGT CTGCAGCTTC TCTCGGGGAC AAGCTTCCCC AGAAGGCTG AGAGCAGGT GCATCTGCTC CAGATGTCTT GCTTTCACCT

1301 AAAAGGCCCT GGGGAAGGGA TACACAGCAC TGGAGATTGT AAAATTTTAG GAGCTATTTT TTTTAACTT ATCAGCAATA TTCATCAGAG CAGCTAGCGA

1401 TCTTGTCTCT ATTTTCGGTA TAAATTTGAA AATCACTAAT TCT

Figure 10

hML	1	S	P	A	P	P	A	C	D	L	R	V	L	S	K	L	L	R	D	S	H	V	L	H	S	R	L	S	Q	C	P	E	V	H	P	L	P	T	P	V	L	L	P	A	V	D	F	S	L	G	E
mML	1	S	P	V	A	P	A	C	D	P	R	L	L	N	K	L	L	R	D	S	H	L	L	H	S	R	L	S	Q	C	P	D	V	D	P	L	S	I	P	V	L	L	P	A	V	D	F	S	L	G	E

hML	51	W	K	T	Q	M	E	E	T	K	A	Q	D	I	L	G	A	V	T	L	L	L	E	G	V	M	A	A	R	G	Q	L	G	P	T	C	L	S	S	L	L	G	Q	L	S	G	Q	V	R	L	L
mML	51	W	K	T	Q	T	E	Q	S	K	A	Q	D	I	L	G	A	V	S	L	L	L	E	G	V	M	A	A	R	G	Q	L	E	P	S	C	L	S	S	L	L	G	Q	L	S	G	Q	V	R	L	L

hML	101	L	G	A	L	Q	S	L	L	G	T	Q	L	P	P	Q	G	R	T	T	A	H	K	D	P	N	A	I	F	L	S	F	Q	H	L	L	R	G	K	V	R	F	L	M	L	V	G	G	S	T	L
mML	101	L	G	A	L	Q	G	L	L	G	T	-	-	-	-	Q	G	R	T	T	A	H	K	D	P	N	A	L	F	L	S	L	Q	L	L	R	G	K	V	R	F	L	L	V	E	G	P	T	L		

hML	151	C	V	R	R	A	P	P	T	T	A	V	P	S	R	T	S	L	V	L	T	L	N	E	L	P	N	R	T	S	G	L	L	E	T	N	F	T	A	S	A	R	T	T	G	S	G	L	L	K	W
mML	147	C	V	R	R	T	L	P	T	T	A	V	P	S	S	T	S	Q	L	L	T	L	N	K	F	P	N	R	T	S	G	L	L	E	T	N	F	S	V	T	A	R	T	A	G	P	G	L	L	S	R

hML	201	Q	Q	G	F	R	A	K	I	-	P	G	L	L	N	Q	T	S	R	S	L	D	Q	I	P	G	Y	L	N	R	I	H	E	L	L	N	G	T	R	G	L	F	P	G	P	S	R	R	T	L	G
mML	197	L	Q	G	F	R	V	K	I	T	P	G	Q	L	N	Q	T	S	R	S	P	V	Q	I	S	G	Y	L	N	R	T	H	G	P	V	N	G	T	H	G	L	F	A	G	T	S	L	Q	T	L	E

hML	250	A	P	D	I	S	S	G	T	S	D	T	G	S	L	P	P	N	L	Q	P	G	Y	S	P	S	P	T	H	P	P	T	G	Q	Y	T	L	F	P	L	P	P	T	L	P	T	-	-	-	P	V
mML	247	A	S	D	I	S	P	G	A	F	N	K	G	S	L	A	F	N	L	Q	G	G	L	P	S	P	S	L	A	P	D	G	H	-	T	P	F	P	P	S	P	A	L	P	T	T	H	G	S	P	

hML	297	V	Q	L	H	P	L	P	D	P	S	A	P	T	P	T	S	P	L	L	N	T	S	Y	T	H	S	Q	N	L	S	Q	E	G			
mML	296	P	Q	L	H	P	L	F	P	D	P	S	T	T	M	P	N	S	T	A	P	H	P	V	T	M	Y	P	H	P	R	N	L	S	Q	E	T

Figure 11

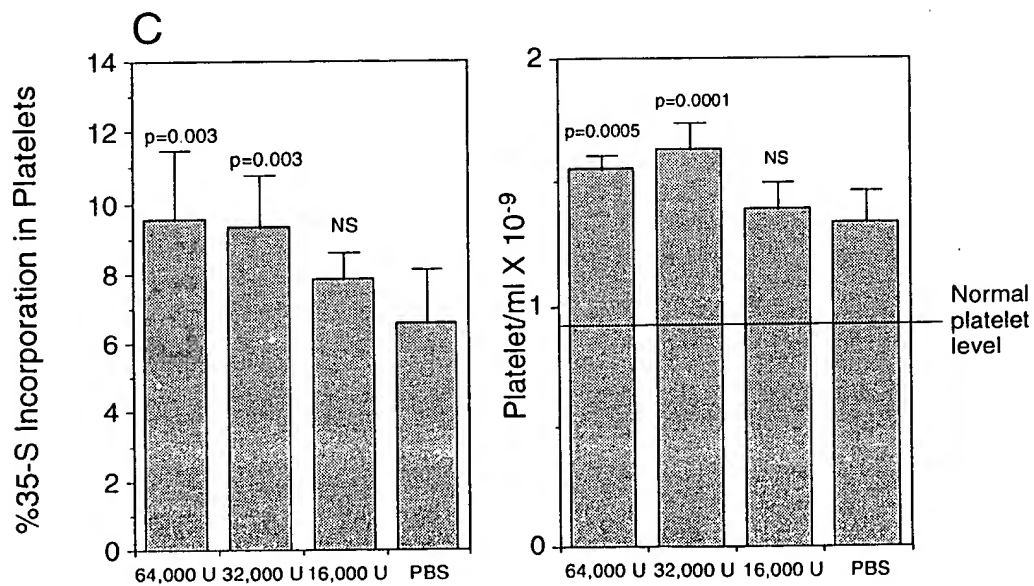
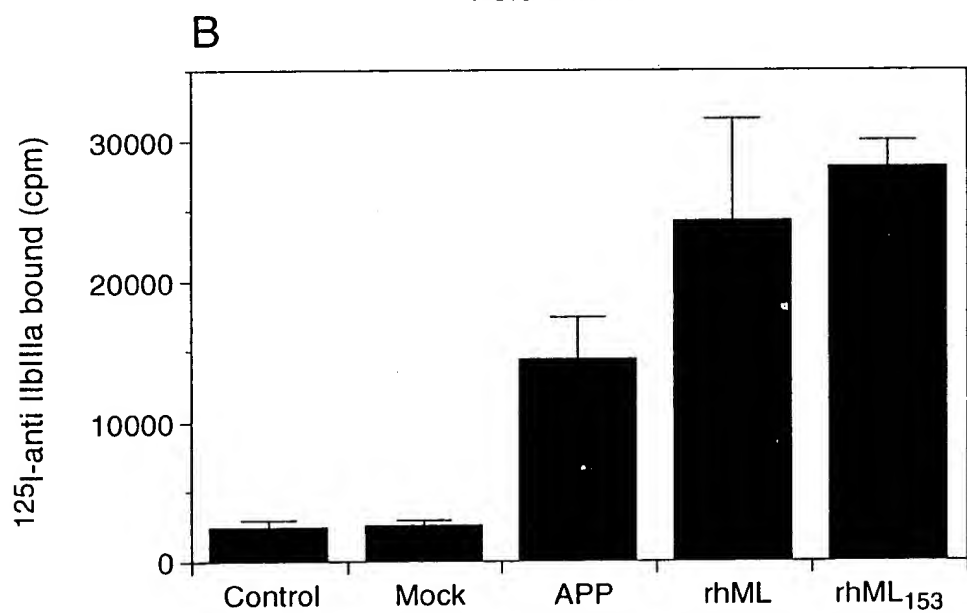
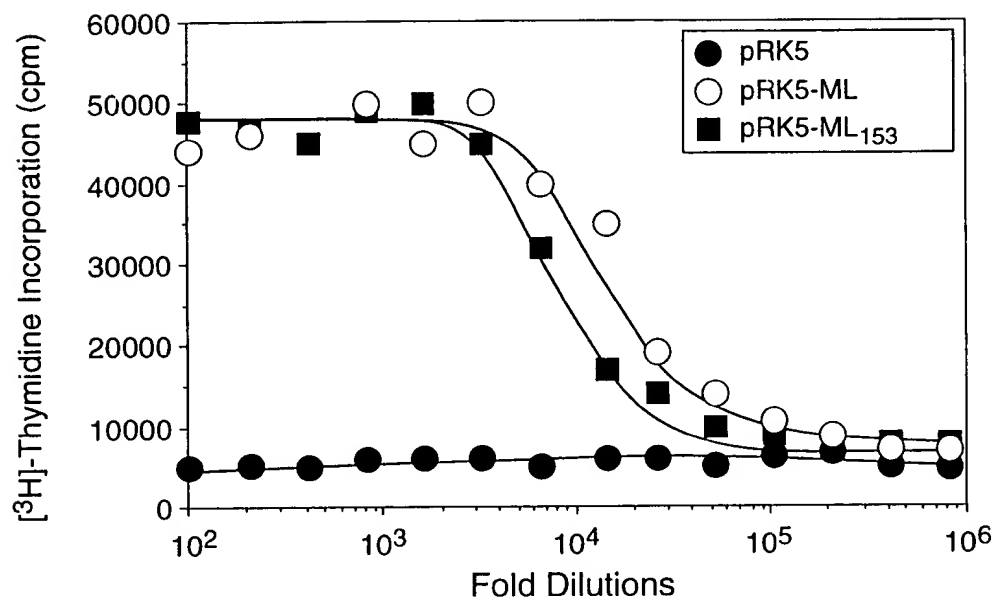


Figure 12